

SEQUENCE LISTING

<110> Kalum, Lisbeth
 - Lange, Niels Erik Krebs

<120> High Temperature Enzymatic Vegetable Processing

<130> 10419.204-US

<160> 2

<170> PatentIn version 3.3

<210> 1

<211> 341

<212> PRT

<213> Bacillus licheniformis

<400> 1

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Gly Ser Leu Thr Ala Ala Val Ser Ala Glu Ala Ala Ser Ala Leu Asn
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Ser Gly Lys Val Asn Pro Leu Ala Asp Phe Ser Leu Lys Gly Phe Ala
 35 40 45

Ala Leu Asn Gly Gly Thr Thr Gly Gly Glu Gly Gly Gln Thr Val Thr
 50 55 60

Val Thr Thr Gly Asp Gln Leu Ile Ala Ala Leu Lys Asn Lys Asn Ala
 65 70 75 80

Asn Thr Pro Leu Lys Ile Tyr Val Asn Gly Thr Ile Thr Thr Ser Asn
 85 90 95

Thr Ser Ala Ser Lys Ile Asp Val Lys Asp Val Ser Asn Val Ser Ile
 100 105 110

Val Gly Ser Gly Thr Lys Gly Glu Leu Lys Gly Ile Gly Ile Lys Ile
 115 120 125

Trp Arg Ala Asn Asn Ile Ile Ile Arg Asn Leu Lys Ile His Glu Val
 130 135 140

Ala Ser Gly Asp Lys Asp Ala Ile Gly Ile Glu Gly Pro Ser Lys Asn

145		150		155		160
Ile Trp Val Asp	His Asn Glu Leu Tyr	His Ser Leu Asn Val Asp Lys				
	165	170			175	
Asp Tyr Tyr Asp Gly Leu Phe Asp Val Lys Arg Asp Ala Glu Tyr Ile						
	180	185			190	
Thr Phe Ser Trp Asn Tyr Val His Asp Gly Trp Lys Ser Met Leu Met						
	195	200			205	
Gly Ser Ser Asp Ser Asp Asn Tyr Asn Arg Thr Ile Thr Phe His His						
	210	215		220		
Asn Trp Phe Glu Asn Leu Asn Ser Arg Val Pro Ser Phe Arg Phe Gly						
	225	230		235		240
Glu Gly His Ile Tyr Asn Asn Tyr Phe Asn Lys Ile Ile Asp Ser Gly						
	245	250			255	
Ile Asn Ser Arg Met Gly Ala Arg Ile Arg Ile Glu Asn Asn Leu Phe						
	260	265			270	
Glu Asn Ala Lys Asp Pro Ile Val Ser Trp Tyr Ser Ser Ser Pro Gly						
	275	280			285	
Tyr Trp His Val Ser Asn Asn Lys Phe Val Asn Ser Arg Gly Ser Met						
	290	295		300		
Pro Thr Thr Ser Thr Thr Thr Tyr Asn Pro Pro Tyr Ser Tyr Ser Leu						
	305	310		315		320
Asp Asn Val Asp Asn Val Lys Ser Ile Val Lys Gln Asn Ala Gly Val						
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Gly Lys Ile Asn Pro						
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 <211> 399
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 <213> Bacillus subtilis
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 Tyr Thr Val Ser Asn Arg Asn Gln Leu Val Ser Ala Leu Gly Lys Asp
 35 40 45
 Thr Asn Thr Thr Pro Lys Ile Ile Tyr Ile Lys Gly Thr Ile Asp Met
 50 55 60
 Asn Val Asp Asp Asn Leu Lys Pro Leu Gly Leu Asn Asp Tyr Lys Asp
 65 70 75 80
 Pro Glu Tyr Asp Leu Asp Lys Tyr Leu Lys Ala Tyr Asp Pro Ser Thr
 85 90 95
 Trp Gly Lys Lys Glu Pro Ser Gly Thr Leu Glu Glu Ala Arg Ala Arg
 100 105 110
 Ser Gln Lys Asn Gln Lys Ala Arg Val Met Val Asp Ile Pro Ala Asn
 115 120 125
 Thr Thr Ile Val Gly Ser Gly Thr Asn Ala Lys Ile Val Gly Gly Asn
 130 135 140
 Phe Gln Ile Lys Ser Asp Asn Val Ile Ile Arg Asn Ile Glu Phe Gln
 145 150 155 160
 Asp Ala Tyr Asp Tyr Phe Pro Gln Trp Asp Pro Thr Asp Gly Ser Ser
 165 170 175
 Gly Asn Trp Asn Ser Gln Tyr Asp Asn Ile Thr Ile Asn Gly Gly Thr
 180 185 190
 His Ile Trp Ile Asp His Cys Thr Phe Asn Asp Gly Ser Arg Pro Asp
 195 200 205
 Ser Thr Ser Pro Lys Tyr Phe Gly Arg Lys Tyr Gln His His Asp Gly
 210 215 220